Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043353.D
Acq On : 28 Oct 2019 17:01
Operator : JU
Sample : PB124310BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124310BS

Manual Integrations APPROVED
mohammad
10/29/2019 3:34:35 PM

Quant Time: Oct 29 13:29:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	31568	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	127178	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	102077	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	236964	20.00	ng		0.00
76) Chrysene-d12	21.67	240	283502	20.00	ng		0.00
87) Perylene-d12	24.86	264	325085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	234235	135.97	ng		0.00
7) Phenol-d6	7.22	99	312417	126.05	ng		0.01
23) Nitrobenzene-d5	9.19	82	154662	62.70	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	205326	105.70	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	432598	58.56	ng		0.00
79) Terphenyl-d14	20.00	244	889311	58.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	29106	43.356	ng		97
3) Pyridine	3.89	79	69846	41.244	ng		93
4) n-Nitrosodimethylamine	3.80	42	39237	45.916	ng	#	79
6) Aniline	7.35	93	101225	35.452	ng		97
8) 2-Chlorophenol	7.60	128	94121	49.493	ng		95
9) Benzaldehyde	7.16	77	53734	44.113	ng		94
10) Phenol	7.24	94	111517	49.237	ng		95
11) bis(2-Chloroethyl)ether	7.44	93	77288	44.137	ng		96
12) 1,3-Dichlorobenzene	7.92	146	103617	43.488	ng		97
13) 1,4-Dichlorobenzene	8.06	146	103784	43.052	ng		96
14) 1,2-Dichlorobenzene	8.38	146	100095	42.526	ng		97
15) Benzyl Alcohol	8.27	79	75503	43.375	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105678	41.503	ng		96
17) 2-Methylphenol	8.49	107	78224	47.376	ng		95
18) Hexachloroethane	9.11	117	37077	42.630	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	67457	42.118	ng		96
20) 3+4-Methylphenols	8.82	107	107364	47.420	ng		90
22) Acetophenone	8.85	105	135196	41.511	ng		100
24) Nitrobenzene	9.23	77	104183	44.334	ng		97
25) Isophorone	9.75	82	189054	41.918	ng		97
26) 2-Nitrophenol	9.94	139	52623	46.383	ng		96
27) 2,4-Dimethylphenol	10.01	122	88154	54.213	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	107573	43.216	ng		99
29) 2,4-Dichlorophenol	10.50	162	96512	46.323	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	111834	42.589	ng		95
31) Naphthalene	10.88	128	286577	44.393	ng		96
32) Benzoic acid	10.17	122	43861	37.715	ng		96
33) 4-Chloroaniline	11.00	127	56864	21.489	ng		97
34) Hexachlorobutadiene	11.17	225	77746	40.052	ng		96
35) Caprolactam	11.76	113	31138m	43.395	ng		
36) 4-Chloro-3-methylphenol	12.13	107	104335	45.910	ng		97
37) 2-Methylnaphthalene	12.48	142	216727	43.755	ng		98
38) 1-Methylnaphthalene	12.70	142	207685	44.068	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	139950	37.046	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	190102	95.795	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	89711	40.324	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	94694	42.102	ng		98
46) 1,1'-Biphenyl	13.49	154	289473	37.277	ng		97
47) 2-Chloronaphthalene	13.53	162	228184	38.620	ng		97
48) 2-Nitroaniline	13.74	65	68722	38.915	ng		99
49) Acenaphthylene	14.37	152	374598	40.736	ng		97
50) Dimethylphthalate	14.10	163	301739	38.163	ng		98
51) 2,6-Dinitrotoluene	14.22	165	66610	38.779	ng		97
52) Acenaphthene	14.71	154	219307	39.107	ng		95
53) 3-Nitroaniline	14.57	138	41742	25.170	ng		87
54) 2,4-Dinitrophenol	14.77	184	71311	67.714	ng		96
55) Dibenzofuran	15.05	168	361655	39.768	ng		100
56) 4-Nitrophenol	14.90	139	94999	85.481	ng		94
57) 2,4-Dinitrotoluene	15.01	165	94609	38.541	ng		97
58) Fluorene	15.70	166	301987	39.593	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	99655	41.703	ng	#	98
60) Diethylphthalate	15.47	149	304223	38.294	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	173752	39.049	ng		97
62) 4-Nitroaniline	15.73	138	60044	35.058	ng		94
63) Azobenzene	15.98	77	252578	39.284	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	60400	43.312	ng		91
66) n-Nitrosodiphenylamine	15.91	169	271380	40.564	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	120808	37.883	ng		95
68) Hexachlorobenzene	16.71	284	139469	38.100	ng		99
69) Atrazine	16.85	200	116066	49.928	ng		94
70) Pentachlorophenol	17.05	266	154663	92.724	ng		96
71) Phenanthrene	17.44	178	485918	40.045	ng		98
72) Anthracene	17.53	178	503168	41.445	ng		99
73) Carbazole	17.81	167	457503	41.613	ng		99
74) Di-n-butylphthalate	18.35	149	552421	41.411	ng		99
75) Fluoranthene	19.45	202	667549	42.198	ng		99
77) Benzidine	19.63	184	302195	52.965	ng		97
78) Pyrene	19.81	202	682198	38.875	ng		97
80) Butylbenzylphthalate	20.69	149	251065	37.763	ng		99
81) Benzo(a)anthracene	21.64	228	703514	39.616	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	202001	29.409	ng		97
83) Chrysene	21.71	228	690884	39.156	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	369659	39.142	ng		100
85) Di-n-octyl phthalate	22.75	149	633281	39.524	ng		100
86) Indeno(1,2,3-cd)pyrene	28.51	276	882711	39.855	ng		100
88) Benzo(b)fluoranthene	23.85	252	750592	40.767	ng		99
89) Benzo(k)fluoranthene	23.92	252	749759	40.450	ng		99
90) Benzo(a)pyrene	24.71	252	690222	39.257	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	739194	41.104	ng		99
92) Benzo(g,h,i)perylene	29.64	276	739005	41.660	ng		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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